

DERWENT-ACC-NO: 2003-201992

DERWENT-WEEK: 200320

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TITLE: A rotary apparatus for growing plants comprises a drum formed by removable parallel spaced apart elongated channels with holes to hold a growing media plug and plant an internal light and the drum rotates through a liquid nutrient bath

INVENTOR: LEDUC, M; POIRIER, C

PATENT-ASSIGNEE: FAB JARDINS HYDRO-PRO INC[JARDN]

PRIORITY-DATA: 2002CA-2396317 (August 2, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CA 2396317 A1	November 8, 2002	E	022	A01G 009/02

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
CA 2396317A1	N/A	2002CA-2396317	August 2, 2002

INT-CL (IPC): A01G009/02, A01G031/02

RELATED-ACC-NO: 2003-157749

ABSTRACTED-PUB-NO: CA 2396317A

BASIC-ABSTRACT:

NOVELTY - Open ended drum(12) formed by end rims(14) connected by cross rods with the rims resting on base(22) mounted rollers(36) one being driven to rotate the drum. Adjacent pairs of rods removably support elongated channel section baskets(16) each having a number of spaced apart apertures(70) to receive a growing media plug and plant. The base having reservoir(100) holding a liquid nutrient(F) through which the drum passes through each revolution and support(32) mounting light source(120).

USE - An app for growing plants which provides the necessary nutrients and

light.

ADVANTAGE - The removable channels allow planting up on a bench over coming the shortness of prior art rotary units which require planting up *in situ* so limiting the overall length to that to which an operator reach to insert plants at the middle of the drum. Provides a uniform lighting pattern.

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of the rotary drum

Drum 12

End rims 14

Baskets 16

Base 22

Light support 32

Support and rotating rollers 36

Apertures in baskets 70

Reservoir 100

Light support 120

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: ROTATING APPARATUS GROW PLANT COMPRISE DRUM FORMING REMOVE

PARALLEL SPACE APART ELONGATE CHANNEL HOLE HOLD GROW MEDIUM PLUG

PLANT INTERNAL LIGHT DRUM ROTATING THROUGH LIQUID NUTRIENT BATH

DERWENT-CLASS: P13

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2003-160917